Table ENG-5. - Sanitary Facilities

Frederick County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B: Berks	85	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock Seepage Slope	1.00 1.00 0.68
1C:					
Berks	85	Very limited Depth to bedrock Slope	1.00 0.37	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 1.00
2:					
Birdsboro	85	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.71
		Restricted permeability Flooding	0.50 0.40	Seepage Flooding	0.50 0.40
3B:					
Blairton	75	Very limited Depth to bedrock Depth to saturated zone Restricted permeability	1.00 1.00 1.00	Very limited Depth to soft bedrock Slope Seepage	1.00 0.68 0.27
3C:					
Blairton	75	Very limited Depth to bedrock Depth to saturated zone Restricted permeability	1.00 1.00 1.00	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 0.27
4B:					
Buchanan	80	Very limited Depth to cemented pan Depth to saturated zone Restricted	1.00 1.00 0.50	Very limited Depth to cemented pan Slope Seepage	1.00 0.68 0.50
		permeability	0.30		

4C:



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
4C:	•				
Buchanan	80	Very limited	4.00	Very limited	4.00
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated	1.00	Slope	1.00
		zone Restricted permeability	0.50	Seepage	0.50
5B:					
Carbo	85	Very limited		Very limited	
		Restricted	1.00	Depth to hard bedrock	1.00
		permeability	1.00	Slope	0.68
		Depth to bedrock	1.00		
5C:	0.5				
Carbo	85	Very limited Restricted	1.00	Very limited Depth to hard bedrock	1.00
		permeability	1.00	Slope	1.00
		Depth to bedrock	1.00	•	
		Slope	0.37		
6C:					
Carbo	50	Very limited	4.00	Very limited	4.00
		Restricted permeability	1.00	Depth to hard bedrock Slope	1.00 1.00
		Depth to bedrock	1.00	0.000	
		Slope	0.16		
Oaklet	45	Very limited		Very limited	
		Restricted	1.00	Slope	1.00
		permeability Slope	0.04		
D 1 1				N I D I I	
Rock outcrop	3	Not Rated		Not Rated	
7C:					
Carbo	35	Very limited		Very limited	4.00
		Restricted permeability	1.00	Depth to hard bedrock Slope	1.00 1.00
		Depth to bedrock	1.00	Сюро	1.00
		Slope	0.16		
Oaklet	30	Very limited		Very limited	
		Restricted	1.00	Slope	1.00
		permeability Slope	0.04		
D 1 1	<i>*</i> =		2.01	N / B / /	
Rock outcrop	25	Not Rated		Not Rated	
8B:					



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
8B:	•				•
Chilhowie	80	Very limited		Very limited	
		Restricted	1.00	Depth to hard bedrock	1.00
		permeability Depth to bedrock	1.00	Slope	0.68
8C:					
Chilhowie	75	Very limited		Very limited	
		Restricted	1.00	Depth to hard bedrock	1.00
		permeability	4.00	Slope	1.00
		Depth to bedrock Slope	1.00 0.37		
		Slope	0.57		
9B: Clearbrook	80	Very limited		Very limited	
Olcarbrook	00	Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Depth to saturated	1.00	Content of large	0.88
		zone	4.00	stones	0.00
		Restricted permeability	1.00	Slope	0.68
9C:					
Clearbrook	75	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Depth to saturated	1.00	Slope	1.00
		zone Restricted	1.00	Content of large stones	0.88
		permeability	1.00	stories	
10:					
Craigsville	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Filtering capacity	1.00	Seepage	1.00
		Content of large stones	0.57	Content of large stones	1.00
11C:					
Dekalb	80	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Filtering capacity	1.00	Slope	1.00
		Slope	0.37	Seepage	1.00
12E:					
Dekalb	80	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
13B:					



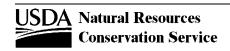
Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and con riamo	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
13B: Frankstown	75	Somewhat limited Restricted permeability	0.50	Somewhat limited Slope Seepage	0.68 0.50
13C: Frankstown	75	Somewhat limited Restricted permeability Slope	0.50 0.37	Very limited Slope Seepage	1.00 0.50
13D: Frankstown	70	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50
13E: Frankstown	70	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50
14B: Frederick	45	Somewhat limited Restricted permeability	0.50	Somewhat limited Slope Seepage	0.68 0.50
Poplimento	40	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.68
14C: Frederick	45	Somewhat limited Restricted permeability Slope	0.50 0.37	Very limited Slope Seepage	1.00 0.50
Poplimento	40	Very limited Restricted permeability Slope	1.00 0.37	Very limited Slope	1.00
14D: Frederick	50	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and con Hame	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
14D:	•				
Poplimento	45	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
15C:					
Frederick	55	Somewhat limited Restricted permeability Slope	0.50 0.37	Very limited Slope Seepage	1.00 0.50
Poplimento	30	Very limited		Very limited	
- opinione		Restricted permeability	1.00	Slope	1.00
		Slope	0.37		
15D:					
Frederick	60	Very limited Slope Restricted	1.00 0.50	Very limited Slope Seepage	1.00 0.50
		permeability			
Poplimento	30	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
15E:					
Frederick	60	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50
Poplimento	30	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
16B:					
Frederick	40	Somewhat limited Restricted permeability	0.50	Somewhat limited Slope Seepage	0.68 0.50
Poplimento	35	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.68
Rock outcrop	3	Not Rated		Not Rated	
16C:					



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields	Septic Tank Absorption Fields		
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
16C: Frederick	45	Somewhat limited	•	Very limited	•
		Restricted permeability Slope	0.50 0.37	Slope Seepage	1.00 0.50
Poplimento	35	Very limited Restricted	1.00	Very limited Slope	1.00
		permeability Slope	0.37	Зюре	1.00
Rock outcrop	3	Not Rated		Not Rated	
16D:					
Frederick	45	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
Poplimento	40	Very limited		Very limited	
		Slope Restricted permeability	1.00 1.00	Slope	1.00
Rock outcrop	3	Not Rated		Not Rated	
17C:					
Frederick	30	Somewhat limited		Very limited	
		Restricted	0.50	Slope	1.00
		permeability Slope	0.04	Seepage	0.50
Poplimento	25	Very limited		Very limited	
, sp		Restricted permeability	1.00	Slope	1.00
		Slope	0.04		
Rock outcrop	25	Not Rated		Not Rated	
17E:					
Frederick	30	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
Poplimento	25	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	1.00		
Rock outcrop	25	Not Rated		Not Rated	
18B:					



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
18B:	•				
Gainesboro	45	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock Seepage	1.00 1.00
				Slope	0.68
Lehew	30	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Filtering capacity	1.00	Seepage	1.00
		Content of large stones	0.53	Slope	0.68
18C:					
Gainesboro	40	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.37	Slope Seepage	1.00 1.00
Lehew	35	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Filtering capacity	1.00	Slope	1.00
		Content of large stones	0.53	Seepage	1.00
18D:					
Gainesboro	40	Very limited		Very limited	4.00
		Depth to bedrock Slope	1.00 1.00	Depth to hard bedrock Slope	1.00 1.00
		Slope	1.00	Seepage	1.00
Lehew	40	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope Filtering capacity	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
18E:	45	Van dimitad		Varylimited	
Gainesboro	45	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
Lehew	40	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope Filtering capacity	1.00 1.00	Slope Seepage	1.00 1.00
19C:					



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
19C: Gilpin	75	Very limited Depth to bedrock Restricted permeability Slope	1.00 0.50 0.37	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 0.50
20B: Guernsey	85	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Somewhat limited Depth to saturated zone Slope Seepage	0.96 0.68 0.27
20C: Guernsey	85	Very limited Depth to saturated zone Restricted permeability Slope	1.00 1.00 0.37	Very limited Slope Depth to saturated zone Seepage	1.00 0.96 0.27
21C: Hayter	75	Somewhat limited Slope Content of large stones	0.37 0.31	Very limited Slope Seepage Content of large stones	1.00 1.00 1.00
21D: Hayter	80	Very limited Slope Content of large stones	1.00 0.31	Very limited Slope Seepage Content of large stones	1.00 1.00 1.00
22C: Hayter	75	Somewhat limited Content of large stones Slope	0.73 0.37	Very limited Slope Seepage Content of large stones	1.00 1.00 1.00
22D: Hayter	75	Very limited Slope Content of large stones	1.00 0.73	Very limited Slope Seepage Content of large stones	1.00 1.00 1.00
22E:					



Map Symbol and Soil Name	Septic Tank Pct Absorption Fields of		Sewage Lagoons		
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
22E:		•	1		
Hayter	75	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Content of large stones	0.73	Seepage Content of large stones	1.00 1.00
23C:					
Hazleton	75	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Slope	0.37	Seepage	1.00
23D:					
Hazleton	75	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
23E:					
Hazleton	75	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
24E:					
Hazleton	75	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
25C:					
Laidig	75	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated	1.00	Slope	1.00
		zone Slope	0.37	Depth to saturated zone	1.00
25D:	75	Very limited		Very limited	
Laidig	75	Depth to cemented	1.00	Depth to cemented	1.00
		pan		pan	
		Slope	1.00	Slope	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
25E:					
Laidig	75	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Slope	1.00	Slope	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
26C:					



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
26C: Lehew	90	Very limited Depth to bedrock Filtering capacity Content of large stones	1.00 1.00 0.53	Very limited Depth to hard bedrock Slope Seepage	1.00 1.00 1.00
26D: Lehew	90	Very limited Depth to bedrock Slope Filtering capacity	1.00 1.00 1.00	Very limited Depth to hard bedrock Slope Seepage	1.00 1.00 1.00
26E:					
Lehew	90	Very limited Depth to bedrock Slope Filtering capacity	1.00 1.00 1.00	Very limited Depth to hard bedrock Slope Seepage	1.00 1.00 1.00
27:					
Library	90	Very limited Restricted permeability Depth to saturated zone Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Ponding Slope	1.00 1.00 0.68
28:					
Lobdell	85	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00
29:					
Massanetta	90	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.50
30B:					
Monongahela	85	Very limited Depth to cemented pan Depth to saturated zone Depth to bedrock	1.00 1.00 0.98	Very limited Depth to cemented pan Depth to hard bedrock Slope	1.00 0.93 0.68
		Dopan to boulout	0.00		
31B:					



Map Symbol and Soil Name	Pct of	of		Sewage Lagoons	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
31B:					
Nicholson	85	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Slope Seepage	0.68 0.50
32B:					
Oaklet	85	Very limited		Somewhat limited	
		Restricted permeability	1.00	Slope	0.68
32C:					
Oaklet	75	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	0.37		
33C:					
Opequon	50	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.04	Slope Seepage	1.00 0.27
Chilhowie	40	Very limited		Very limited	
		Restricted	1.00	Depth to hard bedrock	1.00
		permeability		Slope	1.00
		Depth to bedrock Slope	1.00 0.04		
		Siope	0.04		
Rock outcrop	3	Not Rated		Not Rated	
33E:					
Opequon	50	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope Seepage	1.00 0.27
Chilhowie	40	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock Slope	1.00 1.00
		Depth to bedrock	1.00	•	
		Slope	1.00		
Rock outcrop	3	Not Rated		Not Rated	
34:					



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
34:	1				
Pagebrook	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Restricted	1.00	Depth to saturated	1.00
		permeability Depth to saturated	1.00	zone	
		zone			
35:	0.5	Mama limaita d		Van diesite d	
Pagebrook	95	Very limited	4.00	Very limited	4.00
		Flooding Restricted	1.00 1.00	Flooding Depth to saturated	1.00 1.00
		permeability	1.00	zone	1.00
		Depth to saturated zone	1.00		
36:					
Pits	100	Not Rated		Not Rated	
37D:					
Schaffenaker	90	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Filtering capacity	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
37E:					
Schaffenaker	90	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
38B:					
Sequoia	80	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Restricted permeability	1.00	Slope	0.68
38C:					
Sequoia	75	Very limited		Very limited	
·		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Restricted	1.00	Slope	1.00
		permeability			
		Slope	0.37		
38D:					
Sequoia	75	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
		Restricted permeability	1.00		
39B:		•			
JJD.					



Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
39B: Swimley	90	Somewhat limited Restricted permeability	0.50	Somewhat limited Slope Seepage	0.68 0.50
39C: Swimley	90	Somewhat limited Restricted	0.50	Very limited Slope	1.00
		permeability Slope	0.37	Seepage	0.50
40B: Timberville	80	Very limited Flooding Restricted permeability	1.00 0.50	Very limited Flooding Slope Seepage	1.00 0.68 0.50
41B: Weikert	50	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock Seepage Slope	1.00 1.00 0.68
Berks	40	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock Seepage Slope	1.00 1.00 0.68
41C: Weikert	50	Very limited Depth to bedrock Slope	1.00 0.37	Very limited Depth to hard bedrock Slope Seepage	1.00 1.00 1.00
Berks	40	Very limited Depth to bedrock Slope	1.00 0.37	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 1.00
41D:					
Weikert	55	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope Seepage	1.00 1.00 1.00
Berks	35	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 1.00
41E:					



Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
41E: Weikert	60	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope Seepage	1.00 1.00 1.00
Berks	30	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 1.00
42C:					
Weikert	50	Very limited Depth to bedrock Slope	1.00 0.37	Very limited Depth to hard bedrock Slope Seepage	1.00 1.00 1.00
Berks	40	Very limited Depth to bedrock Slope	1.00 0.37	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 1.00
42D:					
Weikert	55	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope Seepage	1.00 1.00 1.00
Berks	35	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 1.00
42E:					
Weikert	60	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope Seepage	1.00 1.00 1.00
Berks	30	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 1.00
43: Wheeling	80	Very limited Filtering capacity Restricted permeability Flooding	1.00 0.50 0.40	Very limited Seepage Flooding	1.00 0.40

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons		
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	
44B:						•
Zoar		75	Very limited		Somewhat limited	
			Restricted permeability	1.00	Slope Depth to saturated	0.68 0.25
			Depth to saturated zone	1.00	zone	
44C:						
Zoar		75	Very limited		Very limited	
			Restricted permeability	1.00	Slope Depth to saturated	1.00 0.25
			Depth to saturated zone	1.00	zone	
			Slope	0.37		
DAM:						
Dam		100	Not Rated		Not Rated	
W:						
Water		100	Not Rated		Not Rated	